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BOOK 5003

# INDEX DIAGRAM

Township 10 North, Range 25 East,

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Township 10 North, Range 25 East  
Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines of Township 10 North, Range 25 East, Gila and Salt River Meridian, Arizona.

The survey of the south boundary and subdivisional lines of Township 10 North, Range 25 East, was executed by Deputy Surveyor A. P. Johnson, in 1882. A portion of the south boundary was dependently resurveyed as described in the field note record of the north boundary of Township 9 North, Range 25 East, executed concurrently with this group.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, the Special Instructions dated May 3, 1973, and the Supplemental Instructions dated June 14, 1973.

The boundaries of sections 33 and 34 have been resurveyed. The survey was requested by the U. S. Forest Service to provide monumentation of boundaries of the Apache and Sitgreaves National Forests, the location of which is uncertain due to the existence of two sets of corners along the south boundary of the township.

A detailed description of the solution to this problem is included in the field notes of the dependent resurvey of the line between Townships 9 and 10 North, Range 25 East, made concurrently as a part of this group.

The directions of the lines were obtained by direct observations on polaris and checked by direct observations on the sun. They refer to the true meridian.

Preliminary to the dependent resurvey all lines of the original survey were retraced and search made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. All retracement data are thoroughly verified and only the true line field notes are given herein.

The geographic position of the southeast corner of section 34, as obtained from U. S. Geological Survey Quadrangle "Boundary Butte" is:

Latitude 34° 12.8' N.  
Longitude 109° 40.4' W.

The mean magnetic declination is 13½° East.

Dependent Resurvey of a Portion  
of the Subdivisional Lines  
Township 10 North, Range 25 East  
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Reestablishment of the Survey Executed by  
A. P. Johnson, Deputy Surveyor, in 1882.

Dependent Resurvey of a Portion  
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CHAINS	
	<p>Beginning at the cor. of secs. 2, 3, 34, and 35, Tps. 9 and 10 N., R. 25 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field note record of the N. boundary of T. 9 N., R. 25 E., executed concurrently with this group.</p> <p>N. 2° 24' W., between secs. 34 and 35.</p> <p>Ascend gradual southerly slopes, through scattering pine and scrubby juniper timber, along old fence.</p>
20.00	Wide ridge, bears E. and W., descend northerly slopes.
41.18	<p>The 1/4 sec. cor. of secs. 34 and 35, monumented by an old mound of stones, with several rotted stakes in center. A granite stone, 18 x 10 x 4 ins., bearing some evidence of chisel mark on one face was found lying in the fence line bearing N. 3° W. and S. 3° E. The stone appears to be the remains of the original corner stone.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10N R25E ¼ S 34 S 35 1973</p> <p>Raise a mound of stone, 4 ft. base, 2 ft. high, W. of the corner and bury the old stone alongside the iron post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 3° 42' W., beginning new measurement.</p> <p>Over nearly level land, along fence, through scrubby juniper timber.</p>
1.10	Fence bears N. 49° W. and S. 3° E.
2.85	Center of graded Forest Service road, bears N. 50° W. and S. 50° E., along dry drain in flat draw, course N. 49° W. Ascend gradual southerly slopes, through area from which surface cover has been stripped by chaining.
25.00	Broad topped ridge, bears N. 80° W. and E., descend N. slopes, leave cleared area, enter juniper and scattered pine timber.
41.23	<p>The cor. of secs. 26, 27, 34 and 35, monumented with a quartzite stone, 20 x 8 x 4 ins., set in a mound of stone, mkd. with 1 groove on the S. face and 2 grooves on the E. face.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion  
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CHAINS	
	<p style="text-align: center;">T10N R25E S 27 S 26 S 34 S 35</p> <p style="text-align: center;">1973</p> <p>from which</p> <p>A juniper, 6 ins. diam., bears N. 8 3/4° W., 27 lks. dist., mkd. X BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the corner and bury the old stone alongside the iron post.</p> <p>Corner is set 35 lks. S. of fence bearing E. and W.</p>
40.55	<p>From the cor. of secs. 3, 4, 33 and 34, Ts. 9 and 10 N., R. 25 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field note record of the N. boundary of T. 9 N., R. 25 E., executed concurrently with this group.</p> <p>N. 3° 13' W., between secs. 33 and 34.</p> <p>Along remains of a very old fence, in edge of cleared area.</p> <p>The 1/4 sec. cor. of secs. 33 and 34, marked by a buried mound of stone, approximately in line with fences bearing N. and E.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground in a trail road, with brass cap mkd.</p>
0.60	<p style="text-align: center;">T10N R25E ¼ S 33 S 34</p> <p style="text-align: center;">1973</p> <p>from which</p> <p>Corner post of fences bearing N. 45° W. and E., bears EAST, 0.60 chs. dist.</p> <p>Deposit three broken glass bottles in hole at base of iron post.</p> <p>The area adjacent to the corner has been cleared, probably by chaining. No additional accessories available.</p> <hr/> <p>N. 1° 34' W., beginning new measurement.</p> <p>Along E. edge of cleared area.</p> <p>Fence corner, whence fences bear N. 1° 15' W. and S. 45° E., continue along W. side of fence.</p>

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CHAINS	
41.08	<p>The cor. of secs. 27, 28, 33 and 34, marked by a buried mound of stone with a rotted wooden post, 4 ins. diam., buried about 8 ins. below the surface of the ground. From the cor., the remains of an old foundation marked by stones and cement, bears S. 29° 15' E., 7.88 chs. dist. This probably is the cabin recorded in the original field notes.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd.</p> $\begin{array}{r} \text{T10N R25E} \\ \text{S } 28   \text{S } 27 \\ \hline \text{S } 33   \text{S } 34 \end{array}$ <p>1973</p> <p>from which</p> <p>A wooden post, 16 ins. diam., protruding 48 ins. above the surface, bears EAST, 42 lks. dist.</p> <p>Build a mound of stone, 3 ft. base, 1½ ft. high, W. of the corner and bury the remains of the rotted wooden post alongside the iron post.</p> <p>Corner is set 60 lks. S. of graded road, bears E. and N. 30° W. to Vernon.</p>
	<p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>S. 89° 22' W., between secs. 27 and 34.</p> <p>Along northerly slopes, about 25 ft. S. of fence, through juniper and scattered pine timber.</p>
17.00	Dry wash in small drain, course NW.
21.00	Dry wash in wide draw, course N. 10° W., ascend gradual easterly slopes.
34.20	Forest Service truck trail, bears S. 20° E. to SE. and N. 20° W. to NW.
37.81	<p>The 1/4 sec. cor. of secs. 27 and 34, monumented with a limestone, 22 x 12 x 5 ins., set in a mound of stone, mkd. 1/4 on the N. face.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> $\begin{array}{r} \text{T10N R25E} \\ \text{S } 27 \\ \hline \frac{1}{4} \text{ S } 34 \end{array}$ <p>1973</p> <p>from which</p> <p>An oak, 6 ins. diam., bears S. 47½° E., 15 lks. dist., mkd. X BT.</p>

Dependent Resurvey of a Portion  
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CHAINS	
	<p>A pine, 8 ins. diam., bears N. 33° W., 32 lks. dist., mkd. 1/4 S27 BT.</p> <p>A limestone, 18 x 8 x 4 ins., mkd. FH 1/4 on the N. face, set in a mound of stone in fence bearing E. and W., bears N. 82° 34' W., 2.28 chs. dist.</p> <p>Bury the old corner stone alongside the iron post.</p> <hr/> <p>S. 88° 42' W., beginning new measurement.</p> <p>Over very gradual northerly slopes, through juniper and pine timber, generally about 30 ft. S. of fence.</p>
20.00	Along S. side of graded road, bearing N. 70° E. and S. 87° W.
20.20	Fence corner, whence fences bear N. 85° E., S. 85° W., and generally S., along fence.
40.36	The cor. of secs. 27, 28, 33 and 34.
	<p>N. 89° 40' W., between secs. 28 and 33.</p> <p>Along an abandoned road in lane, alongside N. side of pasture.</p>
9.00	Small drain to dirt tank, course N. Tank lies to N. side of line.
40.31	Point for the 1/4 sec. cor. of secs. 28 and 33, determined at proportionate distance. There is no evidence of the original corner.
	<p>Set a copper-coated steel stake, 30 ins. long, 1/2 in. diam., 44 ins. in the graded road, with brass cap, 1 1/2 ins. in diam., mkd.</p> <p style="text-align: center;"> <math display="block">\frac{1}{4} \frac{S \ 28}{S \ 33}</math> </p> <p style="text-align: center;">1973</p> <p>The corner is located in the E. edge of graded road, bearing N. and S., and about 50 lks. S. of graded road bearing W.</p> <p>Over nearly level land, along S. side of old truck trail.</p>
80.62	<p>The cor. of secs. 28, 29, 32, and 33, monumented with a basalt stone, 21 x 11 x 6 ins., set in a mound of stone, mkd. with one notch on the S. edge and 4 grooves on the E. face.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to solid underlying rock, supported in a mound of stone, 3 ft. base, 1 1/2 ft. high, with brass cap mkd.</p>

Dependent Resurvey of a Portion  
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CHAINS

T10N R25E  
S 29 | S 28  
S 32 | S 33

1973

from which

A pine, 12 ins. diam., bears S.  $36\frac{1}{4}^{\circ}$  E., 158 lks.  
dist., mkd. T10N R25E S33 BT.

A pine, 6 ins. diam., bears S.  $21\frac{1}{4}^{\circ}$  W., 56 lks.  
dist., mkd. X BT.

A pine, 14 ins. diam., bears N.  $58\frac{1}{2}^{\circ}$  W., 153 lks.  
dist., mkd. T10N R25E S29 BT.

Bury the old stone in the base of the mound  
supporting the iron post.

## GENERAL DESCRIPTION

The terrain encompassed by this survey is nearly level  
with scattering pine and scrub juniper timber.  
Sepulveda Creek flows northerly through section 33 and  
Pulcifer Creek flows northerly through section 34.

The area is accessible by an improved road from U. S.  
Highway No. 60 and is approximately 26 miles westnorth-  
west of Springerville, Arizona.



CERTIFICATE OF SURVEY

(I) ~~(We)~~, Gilbert V. Olson, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of May, 1973, Supplemental special instructions 14th day of June, 1973, (I) ~~(We)~~ have dependently resurveyed a portion

of the subdivisional lines of Township 10 North, Range 25 East

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by (me), ~~(us)~~ and under (my) ~~(our)~~ direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

June 19, 1974 (Date) Gilbert V. Olson (Cadastral Surveyor) Gilbert V. Olson (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL Date JUL 30 1974

BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines of Township 10 North, Range 25 East, Gila and Salt River Meridian, Arizona

executed by Gilbert V. Olson, Supervisory Cadastral Surveyor having been critically examined and found correct, are hereby approved.

JUN 5 1975 (Date) Bernard W. Hoopes (Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

(Date) (Chief, Division of Cadastral Survey) GPO 849-626

1AB

9182 (420)  
Group No. 558,  
Arizona

February 9, 1977

Memorandum

To: Director, Denver Service Center  
From: Director  
Subject: Erroneous corner descriptions, T. 10 N., R. 25 E., Gila and Salt River Meridian, Arizona, Group No. 558

The field notes that were submitted to this office on January 13, 1977, in the subject township, are intended to correct erroneous corner descriptions contained in the field notes which were approved June 5, 1975.

Your office is reminded that once the plat and field notes are accepted for the Director, authorization must issue from the Director for corrections or changes that will modify the official record. The administrative procedures were explained at the 1974 Cadastral Survey Workshop in Reno, Nevada, for making a corrective dependent resurvey.

Since no report has been submitted to this office detailing the circumstances and the on-the-ground condition that brought about the knowledge of the erroneous corner designation, can we now assume that the rest of the 1973 resurvey is correct?

You are hereby authorized to prepare Supplemental Special Instructions and Assignment Instructions for a corrective dependent resurvey of the lines necessary to correct the erroneous corner descriptions for the 1/4 sec. cor. of secs. 28 and 33 and the 1/4 sec. cor. of secs. 33 and 34. A new plat and field notes will be prepared for the lines resurveyed, thereby superseding the lines affected on the previous resurvey.

The plat of the dependant resurvey of the subject township, accepted June 5, 1975, is suspended effective this date. By copy of this memorandum, the State Director, Arizona, is apprised of this action so that his records can be noted accordingly.

The field notes that were submitted on January 13, 1977, are returned as an enclosure for your disposition.

For the Director



B. W. Hostrop  
Chief, Division of Cadastral Survey

Enclosure

cc: DDRF-D 420 RF SD, Arizona ✓ KRWilliams:ROS:2-9-77

